

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14	trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) and nozzle and jet	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:01
L2	3	trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) and nozzle near2 head	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:02
L3	31	trapezoidal near3 (outlets or openings or apertures or holes) nozzle near2 head	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:05
L4	828	trapezoidal nozzle near2 head	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:05
L5	403	trapezoidal and nozzle near2 head and @ay<="2003"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:06
L6	295	trapezoidal and nozzle near2 head and @ay<="2003" and jet	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:06
L7	353	trapezoidal (apertures or holes or outlets or openings) and nozzle near2 head and @ay<="2003"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:06
L8	20	trapezoidal near4 (apertures or holes or outlets or openings) and nozzle near2 head and @ay<="2003"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:06
L9	0	trapezoidal near6 (apertures or holes or outlets or openings) and nozzle near2 head and @ay<="2003" and medic\$3	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:08
L10	10	trapezoidal and nozzle near2 head and @ay<="2003" and medic\$3	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:09
L11	1004	nozzle near2 head and @ay<="2003" and medic\$3	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:14

L12	129	trapezoidal (apertures or holes or outlets or openings) and nozzle near2 head and @ay<="2003" not ink	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:14
L13	1487	forward near facing and (outlet or aperture or hole or opening) and nozzle	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:18
L14	40	forward near facing and (outlet or aperture or hole or opening) and nozzle and trapezoid\$2	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:18
L15	30	anterior and plurality near2 (outlet or aperture or hole or opening) and nozzle and trapezoid\$2	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:20
L16	1777	plurality near2 (outlet or aperture or hole or opening) and nozzle and trapezoid\$2	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:21
L17	1777	plurality near2 (outlet or aperture or hole or opening) and nozzle and trapezoid\$2	US-PGPUB; USPAT; USOCR; DERWENT	WITH	ON	2009/06/12 19:22
L18	1777	plurality near2 (outlet or aperture or hole or opening) and nozzle and trapezoid\$2	US-PGPUB; USPAT; USOCR; DERWENT	SAME	ON	2009/06/12 19:22
L19	212169	nozzle head	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:22
L20	24056	nozzle near head	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:22
L21	3412	nozzle near head and plurality near3 (apertures or holes or outlets or openings)	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:23
L22	42	nozzle near head and plurality near3 (apertures or holes or outlets or openings) and medical not ink	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 19:23
S1	1	"6761702"	USPAT	OR	OFF	2009/06/10 12:53
S2	1	"6918517"	USPAT	OR	OFF	2009/06/10 12:53
S3	17	"4842580"	USPAT	OR	OFF	2009/06/10 12:53
S4	1	"20060264808"	US-PGPUB	OR	OFF	2009/06/10 12:57
S5	2	"4943285"	US-PGPUB	OR	OFF	2009/06/10 12:58

S6	1	"4943285" and Hawks	US-PGPUB	OR	OFF	2009/06/10 12:58
S7	12	"4943285" and Hawks	USPAT	OR	OFF	2009/06/10 13:12
S8	3	((CHALLEN) near2 (WAYCHOFF)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/10 13:13
S9	16	US-6761702-\$.DID. OR US- 6918517-\$.DID. OR US- 4842580-\$.DID. OR US- 4943285-\$.DID. OR US- 1658754-\$.DID. OR US- 2691373-\$.DID. OR US- 5899878-\$.DID. OR US- 5351674-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/10 13:14
S10	0	"10792086"	USPAT	AND	OFF	2009/06/10 15:19
S11	0	"10792086"	US-PGPUB	AND	OFF	2009/06/10 15:19
S12	9	("3735751"   "3771522"   "3823714"   "3908660"   "4519385"   "4637814"   "5397304"   "5443445"   "5860916").PN. OR ("6761702"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/10 16:45
S13	30	("2148541"   "2252569"   "2257072"   "2420586"   "2564135"   "2606557"   "2617416"   "2873739"   "3401694"   "3678932"   "3771522").PN. OR ("3823714"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/10 16:53
S14	77152	Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and (multiple near1 lumen or dual near1 chamber)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/10 16:58
S15	97523	Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and (multiple near1 lumen or dual near1 chamber)	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/10 16:58
S16	97530	Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and @ay<="2004" and dual chamber	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/10 16:59
S17	97523	Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and @ay<="2004" and dual near1 chamber	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/10 16:59

S18	97523	Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and @ay<="2004" and dual near1 chamber	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/06/10 16:59
S19	97523	Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and @ay<="2004" and dual near1 chamber	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/10 17:00
S20	97523	Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and @ay<="2004" and dual near1 chamber and (obturator or insertor or inserting near device)	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/10 17:00
S21	97523	Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and @ay<="2004" and dual near1 chamber and groove near2 (obturator or insertor or inserting near device)	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/10 17:01
S22	395	604/39	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/06/10 17:17
S23	351	604/39 and @ay<="2003"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/10 17:18
S24	351	604/39 and @ay<="2003"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/10 17:18
S25	14	("0801924"   "2691373"   "3374790"   "3802418").PN. OR ("4986822").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/10 18:54
S26	1949	604/43	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/10 19:16
S27	229	604/43 and (anal or anus or rectum or rectal or intestin\$3 or colon)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/10 19:16
S28	187	604/43 and (anal or anus or rectum or rectal or intestin\$3 or colon) and @ay<="2003" not S24	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/10 19:17

S29	23	US-4190059-\$.DID. OR US-4626239-\$.DID. OR US-4645497-\$.DID. OR US-4682979-\$.DID. OR US-4842580-\$.DID. OR US-4874363-\$.DID. OR US-5788650-\$.DID. OR US-5860916-\$.DID. OR US-5871463-\$.DID. OR US-6106506-\$.DID. OR US-6228048-\$.DID. OR US-D449104-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/10 21:06
S30	4205	(obturator or insertor or inserting near1 device) and (groove or track or slot) and (catheter or tube or cannula)	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2009/06/10 21:10
S31	140	(obturator or insertor or inserting near1 device) near4 (groove or track or slot) and (catheter or tube or cannula) and @ay<="2003"	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2009/06/10 21:10
S32	13	("2541542"   "3039468"   "5279553"   "5360416"   "5651790"   "5667514"   "5779624"   "5853391"   "5908431").PN. OR ("6283948").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/10 21:16
S33	5	nozzle and vortex and trapezoidal near2 (apertures or outlets or openings or holes)	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2009/06/11 15:15
S34	0	nozzle near "2" headand vortex and trapezoidal near2 (apertures or outlets or openings or holes)	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2009/06/11 15:15
S35	0	nozzle near2 head and vortex and trapezoidal near2 (apertures or outlets or openings or holes)	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2009/06/11 15:15
S36	5	nozzle near2 head and trapezoidal near2 (apertures or outlets or openings or holes)	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2009/06/11 15:16
S37	14	("0681010"   "0937292"   "1602215"   "2470293"   "3469575"   "3575160").PN. OR ("3842834").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/11 15:19
S38	1	("681010").URPN.	USPAT	OR	OFF	2009/06/11 15:22
S39	2166	(apertures or holes or outlets) near2 vortex	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 15:24

S40	44	(apertures or holes or outlets) near2 vortex and trapezoidal	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 15:24
S41	56	(apertures or holes or outlets) near2 vortex and medical	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 15:29
S42	3460	insertion near rod and (groove or slot)	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 15:32
S43	1894	insertion near rod and (groove or slot) and (lengthwise or longitudinal)	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 15:33
S44	156	insertion near rod near4 (groove or slot) and (lengthwise or longitudinal)	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 15:33
S45	8	insertion near rod near4 (groove or slot) and (lengthwise or longitudinal) and medical	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 15:33
S46	14	insertion near rod near4 (groove or slot) and medical	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 15:50
S47	14	insertion near rod near4 (groove or slot) and medical	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 15:50
S48	10	insertion near rod near4 groove and ridge	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 15:51
S49	26	"5730726"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/11 16:14
S50	13	("2541542"   "3039468"   "5279553"   "5360416"   "5651790"   "5667514"   "5779624"   "5853391"   "5908431").PN. OR ("6283948").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 14:15
S51	33	("4166469"   "4243050"   "4345606").PN. OR ("5667514").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 14:21
S52	25505	insertion rod comprising (groove or slot) flexible member	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 14:33
S53	7037	insertion rod comprising (groove or slot) flexible member guiding	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 14:33

S54	1044	insertion rod comprising (groove or slot) flexible member guiding two lumen	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 14:33
S55	507	insertion rod comprising (groove or slot) flexible member guiding two lumen @ay<="2003"	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 14:34
S56	96	insertion rod comprising (groove or slot) flexible member guiding two lumen @ay<="2003" and (colon or rectal or anal or anus)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 14:34
S57	364	604/510	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 14:44
S58	66	604/510 and groove	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 14:44
S59	63	604/95.02	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 14:55
S60	22	("4601705"   "4738666"   "4758222"   "4846174"   "4917104"   "5055101"   "5123903"   "5152748"   "5315996"   "5571085"   "5843017"   "6017340"   "6146381"   "6156018"   "6190353"   "6200315"   "6231518"   "6283951"   "6309379").PN. OR ("6802835").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 14:57
S61	1551565	guiding rod catheter or tube	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:02
S62	1551066	guiding near rod catheter or tube	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:02
S63	155	guiding near rod (catheter or sheath)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:03
S64	89	guiding near rod (catheter or sheath) @ay<="2003"	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:03
S65	49	guiding near rod (catheter or sheath) @ay<="2003" (groove or slot)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:03
S66	0	(front near end or distal) infusion and (hole of spetures of outlets) and inlet	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:06
S67	1201	(front near end or distal) infusion and (hole or apertures or outlets) and inlet and @ay<="2003"	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:06
S68	886	(front near end or distal) infusion and (hole or apertures or outlets) and inlet and @ay<="2003" and medical	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:06
S69	377	(front near end or distal) infusion and (hole or apertures or outlets) and inlet and @ay<="2003" and medical and head	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:06

S70	84	(front near end or distal) infusion and (hole or apertures or outlets) and inlet and @ay<="2003" and medical and nozzle	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:06
S71	240	(front near end or distal) infusion and (hole or apertures or outlets) and inlet and @ay<="2003" and medical and (douche or irriga\$4 or cleaning or hydrotherapy)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:09
S72	240	(front near end or distal) infusion and (hole or apertures or outlets) and inlet and @ay<="2003" and medical and (douche or irriga\$4 or cleaning or hydrotherapy) and (medic\$3)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:09
S73	87	604/166.01	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:19
S74	938	hydrotherapy	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:23
S75	38	hydrotherapy and colon	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:23
S76	15	604/267 and (rectal or rectum or anus os anal or colon or intestinal)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:27
S77	16	604/267 and (rectal or rectum or anus or anal or colon or intestinal)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:27
S78	579	604/257	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:28
S79	49	604/257 and (rectal or rectum or anus or anal or colon or intestinal)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:28
S80	24	604/911	US-PGPUB; USPAT; USOCR	AND	OFF	2009/06/12 15:33
S81	17	("4036235"   "4106493"   "4201212"   "4206756"   "4244377"   "4258714"   "4804362"   "5309899"   "5364343"   "5395357"   "5944711").PN. OR ("6210358").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 15:36
S82	20	trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) and fluid and pressur \$4 and medical	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 16:35
S83	0	trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) and fluid and medical and vortex	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 16:49



S84	25	trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) and fluid and medical	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 16:49
S85	5	trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) and fluid and medical not S82	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 16:49
S86	770	trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end)	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 17:07
S87	6	trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) vortex	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 17:07
S88	306	trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) and (catheter or tube or nozzle)	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/06/12 17:10

**6/12/2009 8:07:00 PM**

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